

Camille Scott

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(as of July 2020)

EDUCATION	Alma College , Alma, MI <i>B.S., Computer Science</i>	2008-2012
	Michigan State University , East Lansing, MI <i>DIB Lab, PhD. student, Computer Science</i>	2012-2015
	University of California Davis , Davis, CA <i>DIB Lab, PhD. student, Computer Science</i>	2015-present
HONOURS AND AWARDS	National Merit Finalist Alma College / Distinguished Scholar Award Binghamton University / Research Experience for Undergrads USDA / MSU/ National Needs Fellow	2008 2008-2012 summer 2011 2013-2015
MANUSCRIPTS	Reiter, T., Brooks, P. T., Irber, L., Joslin, S. E., Reid, C. M., Scott, C., ... & Pierce, N. T. (2020). <i>Streamlining Data-Intensive Biology With Workflow Systems..</i> BioRxiv. Neches, R. Y., & Scott, C. (2018). <i>SuchTree: Fast, thread-safe computations with phylogenetic trees.</i> Journal of Open Source Software, 3(26), 678. Scott, C. (2017). <i>shmlast: An improved implementation of Conditional Reciprocal Best Hits with LAST and Python.</i> The Journal of Open Source Software, 2017. Ren, J., Chung-Davidson, Y. W., Yeh, C. Y., Scott, C., Brown, T., & Li, W. (2015). <i>Genome-wide analysis of the ATP-binding cassette (ABC) transporter gene family in sea lamprey and Japanese lamprey.</i> BMC genomics, 16(1), 436. Crusoe, M. R. et. al. (2015). <i>The khmer software package: enabling efficient nucleotide sequence analysis.</i> F1000Research, 4. Aleksic, J., Alexa, A., Attwood, T. K., Hong, N. C., Dahlö, M., Davey, R., ..., & Lahti, L. (2014) <i>The open science peer review oath.</i> F1000Research, 3.	
BLOGS AND SOCIAL MEDIA	Professional blog at: camillescott.org Twitter: @camille_codon Github: github.com/camillescott	

PROFESSIONAL ACTIVITIES	Teaching Assistant (TA) at Alma College , <i>Intro to Computer Science</i>	2011-2012
	Co-founder, Alma College Association for Computing Machinery	2012
	Lead Instructor/TA at Michigan State University , <i>CSE 101</i>	Fall 2012
	Presenter at Michigan State University , <i>Summer Research Opportunities (SROP) Workshop</i>	5/2013
	TA for workshop at Marine Biological Laboratory , <i>Strategies and Techniques for Analyzing Microbial Population Structures</i>	8/2013
	TA for workshop at California Institute of Technology , <i>Workshop on Microbial Bioinformatics</i>	10/2013
	TA for SROP Workshop at Michigan State University , <i>Statistics Bootcamp</i>	05/2014
	Participant in Workshop at The Genome Analysis Center (TGAC) , <i>AllBio Open Science & Reproducibility Best Practices Workshop</i>	09/2014
	Participant in Workshop at University of California Davis , <i>Software Carpentry "Train the Trainers"</i>	01/2015
	Contributor to khmer Protocols Project , <i>Protocols for cloud-based de novo RNA-seq and metagenomic analyses</i> khmer-protocols.readthedocs.org	
	Contributor to open source khmer software package , <i>k-mer counting, graph traversal, and sequence processing</i> github.com/dib-lab/khmer	
	Author and maintainer of the dammit annotator, <i>a tool for easy de novo transcriptome annotation</i> github.com/camillescott/dammit	
	Author and maintainer of shmlast , <i>an implementation of conditional reciprocal best hits with Python and LAST</i> github.com/camillescott/shmnlst	
REFERENCES	<i>(Contact details available upon request)</i>	